

Surfynol[®] 107L Surfactant

Nonionic Dynamic Wetting Agent and Molecular Defoamer



Description

Surfynol 107L surfactant is a liquid, nonionic wetting agent and molecular defoamer based on a proprietary high performance Gemini chemistry. This unique chemistry offers a range of surface active performance benefits and is particularly suitable for use in aqueous systems. The Surfynol 107L surfactant provides efficient surface tension reduction and wetting benefits in both low speed and dynamic operations. Surfynol 107L surfactant is also non-foaming and will disrupt the foam stabilization properties of other formulation components, providing defect-free defoaming and deaerating benefits.

Surfynol 107L surfactant contains no added alkylphenol ethoxylates (APEs), silicones or fluorosurfactants and is suitable for low and zero-VOC formulations.

Features and Benefits

- Knock-down defoaming and defect-free foam control
- Easy-to-handle low viscosity liquid
- Dynamic wetting
- Can reduce minimum film formation temperature
- Chemical stability in most applications from pH 3 to 13
- Contains no added APEs

Applications

- Automotive OEM and refinish coatings
- OEM, DIY, and UV wood coatings
- Industrial maintenance, metal, and concrete coatings
- Architectural and decorative coatings
- Inks and graphic art applications
- Overprint varnishes (OPV)
- Adhesives
- Pigment concentrates
- Metalworking fluids
- Industrial processing
- Pigment and dye synthesis and processing

Typical Properties¹

Appearance	clear liquid
Viscosity @ 25 °C (mPa·s)	200
Specific Gravity @ 25 °C	0.99
Flash Point (°C)	> 110
Pour Point (°C)	-2

¹ These are typical properties only and do not represent sales or manufacturing specifications.

Recommended Usage

Use between 0.1 and 1.5% of total formulation weight.

Storage and Handling

Keep containers tightly closed in a dry, cool, and well-ventilated place. Mix thoroughly before use. Product is freeze-thaw stable, but it may separate upon standing or freezing. If the product has frozen or become thick due to storage in colder temperatures, warm to 40 °C and mix thoroughly before use.

Please refer to the MSDS for the most current information.

Shelf Life

The shelf life for this product is 24 months from the date of manufacture.

Additional Product Information

Link to [MSDS Library](#)

For more information, please contact us at:

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